

**To:** CN=Laura Fujii/OU=R9/O=USEPA/C=US@EPA[]  
**Cc:** CN=Jason Brush/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA;CN=Carolyn Yale/OU=R9/O=USEPA/C=US@EPA;CN=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Tim Vendlinski/OU=R9/O=USEPA/C=US@EPA[]; N=Tom Hagler/OU=R9/O=USEPA/C=US@EPA;CN=Carolyn Yale/OU=R9/O=USEPA/C=US@EPA;CN=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA[]; N=Carolyn Yale/OU=R9/O=USEPA/C=US@EPA;CN=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA[]; N=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Tim Vendlinski/OU=R9/O=USEPA/C=US@EPA[]; N=Tim Vendlinski/OU=R9/O=USEPA/C=US@EPA[]  
**From:** CN=Erin Foresman/OU=R9/O=USEPA/C=US  
**Sent:** Wed 3/9/2011 4:47:34 PM  
**Subject:** Re: Fw: New Sites Reservoir 404 Pre-application mtg - question of possible NEPA/404 MOU? Input from ERO Transportation Team  
<http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html>  
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Laura,

Thanks for checking in with Susan. She is on the \$ about time, however, no one is under the impression that DWR is going to make its proposed schedule. They have not yet submitted their CWA delineation for verification. It's difficult to understand how they will be able to produce a DEIS in three months.

It may be worth having a discussion with DWR and Corps about it.

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-----Laura Fujii/R9/USEPA/US wrote: -----

To: Erin Foresman/R9/USEPA/US@EPA, Jason Brush/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA  
From: Laura Fujii/R9/USEPA/US  
Date: 03/09/2011 07:56AM  
cc: Karen Schwinn/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA  
Subject: Fw: New Sites Reservoir 404 Pre-application mtg - question of possible NEPA/404 MOU? Input from ERO Transportation Team

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Communities and Ecosystems Division  
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fujii.laura@epa.gov

----- Forwarded by Laura Fujii/R9/USEPA/US on 03/09/2011 07:54 AM -----

From: Susan Sturges/R9/USEPA/US  
To: Laura Fujii/R9/USEPA/US@EPA  
Cc: Kathleen Goforth/R9/USEPA/US@EPA  
Date: 03/08/2011 11:45 AM  
Subject: Re: FOR YOUR REVIEW - New Sites Reservoir 404 Pre-application mtg - question of possible NEPA/404 MOU?

Laura -

A NEPA/404 process for reservoir projects would seem useful, however, you need to build in time to develop a framework that the agencies agree to (recommend following Caltrans NEPA/404 model). You also need adequate time to go through the process (coordination on draft P&N statements and draft range of alts; agreement on P&N; agreement on Range of Alts; potential dispute resolution, etc.) before the Admin DEIS/ DEIS is developed.

Given that the DEISs are right around the corner, you likely won't have the time to effectively go through the NEPA/404 process to meet their deadline of DEISs coming out this year (unless there is willingness to potentially delay DEIS issuance until the P&N and Range of Alt NEPA/404 checkpoints are completed).

My two cents. Thanks, Laura. susan

Laura Fujii---03/08/2011 09:03:40 AM---Hi Kathy, Erin Foresman recently attended a 404 pre-application meeting for the Sites Reservoir (Nor

From: Laura Fujii/R9/USEPA/US  
To: Kathleen Goforth/R9/USEPA/US@EPA  
Cc: Susan Sturges/R9/USEPA/US@EPA  
Date: 03/08/2011 09:03 AM  
Subject: FOR YOUR REVIEW - New Sites Reservoir 404 Pre-application mtg - question of possible NEPA/404 MOU?

Hi Kathy,

Erin Foresman recently attended a 404 pre-application meeting for the Sites Reservoir (North-of-Delta Storage Project). Sites Reservoir is one of 4 new or expanded reservoir projects proposed in the CALFED Record of Decision (meaning there has already been extensive debate regarding alternatives). Note: We anticipate receiving the other 3 reservoir EISs this fall too.

The string of emails belows indicates interest in an NEPA/404 MOU process to help ensure a systematic 404/NEPA review of the reservoir project as it develops. ADEIS expected in June (we are not a cooperating agency yet), public DEIS out December 2011.

I have not worked with the NEPA/404 MOU process much. Do you or the Transportation Team have a sense of how useful/effective the NEPA/404 MOU process may be for large reservoir projects?

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----- Forwarded by Laura Fujii/R9/USEPA/US on 03/08/2011 08:48 AM -----

From: Tom Hagler/R9/USEPA/US  
To: Erin Foresman/R9/USEPA/US@EPA  
Cc: Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Jason Brush/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Laura Fujii/R9/USEPA/US@EPA, Paul Jones/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA  
Date: 03/07/2011 12:51 PM  
Subject: Re: NODOS -- New Sites Reservoir pre-application meeting

Actually, on the CEQ call about ten days ago, the Corps rep said that Jerry Meral, new DWR Delta guru, proposed an MOU of some sort, and the Corps rep responded favorably. Now, they need to tell the local Corps office exactly what that means. If they know.

Erin Foresman---03/07/2011 12:48:22 PM---If BDCP is an indicator, DWR does not embrace NEPA/404 style coordination. Laura, what do you think

From: Erin Foresman/R9/USEPA/US  
To: Jason Brush/R9/USEPA/US@EPA  
Cc: Paul Jones/R9/USEPA/US@EPA, Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Laura Fujii/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA  
Date: 03/07/2011 12:48 PM  
Subject: Re: NODOS -- New Sites Reservoir pre-application meeting

If BDCP is an indicator, DWR does not embrace NEPA/404 style coordination. Laura, what do you think? Any chance DWR would engage in a NEPA/404 style MOU on this project?

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-----Jason Brush/R9/USEPA/US wrote: -----

To: Erin Foresman/R9/USEPA/US@EPA, Paul Jones/R9/USEPA/US@EPA  
From: Jason Brush/R9/USEPA/US  
Date: 03/07/2011 12:16PM  
cc: Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA,  
Laura Fujii/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA  
Subject: Re: NODOS -- New Sites Reservoir pre-application meeting

Good advice, Erin. Is there any chance of a nepa/404 mou-like process developing to facilitate our timely attention to those milestones?

From: Erin Foresman  
Sent: 03/07/2011 10:51 AM PST  
To: Paul Jones  
Cc: Bruce Herbold; Carolyn Yale; Jason Brush; Karen Schwinn; Laura Fujii; Tim Vendlinski; Tom Hagler  
Subject: Re: NODOS -- New Sites Reservoir pre-application meeting

Hi Paul,

I'm not sure what is best with this one. As usual, we need to limit the time we spend on it because like BDCP/Peripheral Canal an entire career could be spent going from meeting to meeting. They have an ambitious timeline and v. high impacts to wetlands. Perhaps you and I can keep it on our radar and discuss prior to any meetings that we feel our presence can add value. Controversial points will be the usual suspects: JD, purpose, alternatives, LEDPA, compensation.

I'll send you a pre-app package in hard copy or e-copy (not sure what I can scan on the printer here, there are some 11 x 18 pieces of paper).

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-----Paul Jones/R9/USEPA/US wrote: -----

To: Erin Foresman/R9/USEPA/US@EPA  
From: Paul Jones/R9/USEPA/US

Date: 03/07/2011 10:31AM

cc: Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Jason Brush/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Laura Fujii/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA

Subject: Re: NODOS -- New Sites Reservoir pre-application meeting

Hi, Erin: thanks for both covering the pre-app meeting and for taking these good notes (as usual!). I did not get a pre-app package. Perhaps something came by email that was lost in the shuffle, but I did a search and found nothing other than a "heads up" email from Matt Kelley.

Yes, we should talk about who should cover this one. It's clearly in my geographic area for 404 purposes, but I also readily see the connection to the work you, Bruce and Carolyn do on the Delta. To speak not of what Tim might be doing.

I let Rob Leidy know about the 4th bullet on the remote JD issue. This came up with the peripheral canal also, so it's not new....but it is challenging.

Will talk to Karen and Jason about what they recommend for the 404 review element of this one. What's your thinking??

Paul

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Erin Foresman---03/07/2011 08:38:33 AM---Hi All,

From: Erin Foresman/R9/USEPA/US  
To: Paul Jones/R9/USEPA/US@EPA, Jason Brush/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA, Laura Fujii/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Bruce Herbold/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA  
Date: 03/07/2011 08:38 AM  
Subject: NODOS -- New Sites Reservoir pre-application meeting

Hi All,

Thursday March 3rd, DWR, BOR, and consultants came to the Corps for a pre-application meeting on a CALFED project called North -of-the-Dleta Offstream Storage (NODOS) project otherwise known as Sites Reservoir. The meeting was ~ 1.5 hours, lots of people attended. Notes bulleted below. Potentially, we should discuss how to manage the workload on this one???

Proposed project is a 1.2 -- 1.8 MAF reservoir located approximately ten miles west of the town of Maxwell California, 16 miles west of the Sacramento River with pipeline connecting to Sacramento River.

Proposed project purpose statement: "The purpose of the North-of-the-Delta Offstream Storage project is to improve the operational flexibility of the Bay-Delta watershed systems by providing large, integrated, and efficient surface storage to support water supply reliability, water quality improvement, flexible hydropower generation, and water for increased survival of anadromous and endemic fish populations, and other water related opportunities, in a manner protective of the environment."

Three proposed alternatives

Alt A 1.2 MAF reservoir, new 2000 cfs diversion & 1500 cfs release capacity pipeline. Includes pumping plant and fish screens on intakes.

Alt B 1.8 MAF reservoir, & 1500 cfs release capacity pipeline. No diversion pipeline, no pumping plant, no fish screens.

Alt C 1.8 MAF reservoir, new 2000 cfs diversion & 1500 cfs release capacity pipeline. Includes pumping plant and fish screens on intakes.

CWA JD status: not submitted, site access limited until ROD is signed, need to discuss with Corps how to verify this JD.

Estimated impacts (Alt C) to waters of the US

Wetlands = 267.08 acres

Non-wetland/other waters = 195.9 acres/178 miles

Ponds = 21.54

Some ecosystem benefits DWR estimates include:

Supplemental Delta outflow in summer and fall improving X2 (~ 81 km), pushing it west of Colinsville, increase estuarine habitat, reduce entrainment, improve food availability

Increase availability of coldwater pool storage in Folsom Reservoir and improve reliability of coldwater pool storage in Shasta Lake and Lake Oroville

Flexibility in maintaining necessary water temperatures in Shasta and Keswick Dams

Stabilize flows in lower American River which will minimize dewatering of fall-run chinook salmon and steelhead redds by reducing isolation events

Reduce reliance on Folsom Dam to meet Delta outflow objective

Corps requested cooperating agency status at meeting

Proposed schedule

Admin Drafts of EIS/EIR & feasibility report -- June 2011

Public Drafts of EIS/EIR & feasibility report -- Dec 2011

Final EIS/EIR & feasibility report -- Dec. 2012

Final Design and Construction 2013 - 2023

DWR and BOR have developed a list of issues for resolution

Peck Ha is the Corps project manager, Mike Nepstad is the management lead at the Corps.

I received a package of materials at the meeting. Paul did you get these materials in the mail? There is quite a bit of paper considering it was a pre-app. Please let me know if you'd like me to copy and mail hard copy or scan and send electronic copies.

Bruce, would be v. interested in your opinion on estimated ecosystem benefits and impact on estuarine habitat.

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